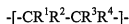


IN THE CLAIMS

Please consider the claims as follows:

1. (Currently Amended) A luminaire comprising a housing suitable for accommodating at least one light source for emitting a light beam through a light-transmitting plate of the housing, ~~characterized in that~~wherein a diffuse reflective coating is provided on an inner side of said housing, the diffuse reflective coating having a water-based solvent comprising at least 80% by weight of water, and the coating comprising at least 30% by weight of a binder based on a polymer having the following structural formula:



wherein R^1 comprises an element chosen from the group Br, Cl, I, F, H, wherein R^2 comprises an element chosen from the group Br, Cl, I, F, H, or an alkyl group, wherein R^3 comprises an element chosen from the group Br, Cl, I, F, H, or COOCH_3 , and wherein R^4 comprises an element chosen from the group Br, Cl, I, F, H, OH, or vinyl ether.

2. (Cancelled)

3. (Cancelled)

4. (Previously Presented) A luminaire according to claim 1, wherein the diffuse reflective coating is applied as a back reflector on the inner back surface of the housing.

5. (Currently Amended) A luminaire according to claim 4, wherein the diffuse reflective coating reflects more than 90%, ~~particularly more than 95%~~ of normally incident light thereon.

6. (Previously Presented) A luminaire according to claim 1, wherein the diffuse reflective coating is cross-linked with a polyisocyanate compound.

7. (Withdrawn) A luminaire comprising a housing suitable for accomodating at least one light source for emitting a light beam through a light-transmitting plate of the housing, characterized in that said housing is provided with a diffuse reflective coating having a binder on the basis of organically modified silane of the sol-gel type, wherein said diffuse reflective coating is applied as a diffuser on the light-transmitting plate.

8. (Withdrawn) A luminaire according to claim 7, wherein said organically modified silane has the following structural formula:



wherein R^I comprises an alkyl group or an aryl group and wherein R^{II} comprises an alkyl group.

9. (Previously Presented) A luminaire according to claim 1, wherein the diffuse reflective coating is applied as a diffuser on the light-transmitting plate.

10. (Currently Amended) A luminaire according to claim 9, wherein the diffuse reflective coating transmits more than 60 %, ~~particularly more than 70 %~~ of normally incident back light thereon.

11. (Previously Presented) A luminaire according to claim 9, wherein the diffuse reflective coating is provided with a layer that blocks ultraviolet light.

12. (Original) A luminaire according to claim 11, wherein said layer is applied on one side and/or both sides of the diffuse reflective coating and/or within the diffuse reflective coating.

13. (Currently Amended) A luminaire according to claim 11, wherein said layer comprises a metal oxide chosen from the group of ZnO , M_2O_3 (M being B, Al, Sc, La or Y) and MO^2 MO_2 (M being Ce, Ge, Sn, Ti, Zr, or Hf) or a metal phosphate chosen from the group of $\text{M}_x(\text{PO}_4)_n$ and $\text{M}_x(\text{PO}_3)_n$ (M being an alkali metal, an earth alkali metal, Al, Sc, Y, La, Ti, Zr. or Hf).

14. (Previously Presented) A luminaire according to claim 1, wherein the diffuse reflective coating comprises calcium halophosphate, calcium pyrophosphate, BaSO_4 , MgO , YBO_3 , TiO_2 , or Al_2O_3 particles.

15. (Previously Presented) Device with an LCD screen having a luminaire according to claim 1.

16. (Previously Presented) Ceiling element or wall element having a luminaire according to claim

1.